
Amendments to the Claims

1. (~~currently amended~~) A method for converting a public switched telephone network call to a data network call, the method comprising:
- a) —receiving the public switched telephone network call from an origination phone at a destination phone;
 - b) —identifying a caller identifier for the public switched telephone network call at the destination phone;
 - c) —rejecting the public switched transmission call prior to the public switched transmission call being completed;
 - d) —placing a call to a network service provider from the destination phone;
 - e) —determining a network address for the origination phone; and
 - f) —completing a network call with the origination phone.
2. (original) The method of claim 1 wherein the destination phone is a personalized computer.
3. (original) The method of claim 1 wherein the destination phone is a customized telephone.
4. (original) The method of claim 1 wherein the call to the network service provider is made via PSTN.
5. (original) The method of claim 1 wherein the call to the network service provider is made via a local area network.
6. (~~currently amended~~) A method for converting a public switched telephone network call to a data network call, the method comprising:
- a) —placing a public switched telephone network call from an origination phone to a destination phone;

b) — detecting a rejected call from the destination phone at the origination phone
prior to call completion;

e) — placing a call to a network service provider from the destination phone;

d) — determining a network address for the destination phone; and

e) — completing a network call with the destination phone.

7. (original) The method of claim 6 wherein the origination phone is a personal computer.

8. (original) The method of claim 6 wherein the origination phone is a customized telephone.

9. (original) The method of claim 6 wherein the call to the network service provider is made via PSTN.

10. (original) The method of claim 6 wherein the call to the network service provider is made via a local area network.

11. (~~currently amended~~) A network phone, comprising:

a) — a phone connector operable to connect to a public switched telephone network;

b) — a transmitter operable to transmit signals corresponding to a phone number for a call destination and a call identifier;

e) — a detector operable to receive an incoming call from another station and detect supplementary signals associated with that call;

d) — a processor operable to

i) — place a public switched telephone network call to a service provider in response to the supplementary signals;

ii) — detect a network address for the other station; and

iii)——complete a network call between the network phone and the other station.

12. (original) The network phone of claim 11, wherein the network phone is a personal computer.

13. (original) The network phone of claim 11, wherein the network phone is a customized telephone.

14. (currently amended) A computer-readable medium containing software code that, when executed, results in:

a)——receiving a public switched telephone network call from an origination phone at a destination phone;

b)——identifying a caller identifier for the public switched telephone network call at the destination phone;

c)——rejecting the public switched transmission call prior to call completion;

d)——placing a call to a network service provider from the destination phone;

e)——determining a network address for the origination phone; and

f)——completing a network call with the origination phone.

15. (currently amended) The computer-readable medium of claim 14 wherein the software code is executed by a personal computer equipped to place public switched telephone network calls.

16. (original) The computer-readable medium of claim 14 wherein the software code is executed by a customized telephone.

17. (currently amended) A computer-readable medium containing software code that, when executed, results in:

a)——placing a public switched telephone network call from an origination phone to a destination phone;

b) — detecting a rejected call from the destination phone at the origination phone prior to call completion;

e) — placing a call to a network service provider from the origination phone;

d) — determining a network address for the destination phone; and

e) — completing a network call with the destination phone.

18. (currently amended) The computer-readable medium of claim 17 wherein the software code is executed by a personal computer equipped to place public switched telephone network calls.

19. (original) The computer-readable medium of claim 17 wherein the software code is executed by a customized telephone.

20. (currently amended) A network phone, comprising:

a) — a means for connecting to a public switched telephone network;

b) — a means for transmitting signals corresponding to a phone number for a call destination and a call identifier;

c) — a means for receiving an incoming call from another station and detect supplementary signals associated with that call;

d) — a means for placing a public switched telephone network call to a service provider in response to the supplementary signals;

e) — a means for detecting a network address for the other station; and

f) — a means for completing a network call between the network phone and the other station.